Vikas Mishra

Associate Developer

Contact

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About Me

I'm a Computer Science graduate with a strong foundation in Python, Machine Learning, and Web Development. I've worked on real-time projects like gesture-based systems and enjoy solving real-world problems. I'm eager to contribute and grow in a dynamic tech environment.

Skills

Python, HTML, CSS | WordPress, OpenCV, YOLOv5 | TensorFlow, Deep Learning, Computer Vision | OOPS (Python), NumPy, Pandas, Tkinter | MySQL | Git & GitHub.

Education

B.Tech in Computer Science
Sanskar College of Engineering and Technology, Ghaziabad (AKTU)
Percentage: 75%

12th – BHSIEUP
Percentage: 73%

10th – BHSIEUP
Percentage: 76%

Experience

Vcana Global, Mohali

Associate Developer

- Working on the Garuda AI project, focusing on Python, Machine Learning, AI, and Deep Learning.
- Developed and contributed to 13 responsive websites using HTML, CSS, and WordPress, ensuring mobile, tablet, and desktop compatibility.
- Collaborated with a team to deliver high-quality projects efficiently and on time.

Projects

Garuda AI – Weapon Detection System
- Developed weapon detection using YOLOv5 and OpenCV for security surveillance.
- Contributed to data processing and model training.

Gesture-Based Virtual Mouse using Hand Tracking
Technologies: Python, OpenCV, MediaPipe, Computer Vision.
- Built a virtual mouse system that allows controlling the cursor and performing click actions using hand gestures detected through a webcam. Implemented hand landmark detection using MediaPipe and mapped finger movements to screen coordinates for controlling mouse events in real time.

Weather App
Technologies: Python, Tkinter, requests.
- GUI-based app using Tkinter and OpenWeatherMap API to fetch and display real-time weather information.

Web Development (13 Websites)
- Designed and developed fully responsive websites using **HTML, CSS,** and **WordPress.**

Personal Interests
- Learning new creative technologies
- Watching and playing cricket

Languages
- English
- Hindi